ABSTRACT

There are provided various optical materials which contain a curable fluorine-containing polymer (I) having a number average molecular weight of from 500 to 1,000,000 and represented by the formula (1):

$$-(M)-(A)- \qquad (1)$$

in which the structural unit M is a structural unit derived from a fluorine-containing organic group having crosslinkable cyclic ether structures in its side chain, the structural unit A is a structural unit derived from a monomer copolymerizable with the fluorine-containing ethylenic monomer for the structural unit represented by the formula (M), and the structural unit M and the structural unit A are contained in amounts of from 0.1 to 100 % by mole and from 0 to 99.9 % by mole, respectively, and further contain a photoacid generator (II). Those optical materials are suitable as materials for optical devices such as an optical waveguide and a sealing member and also as materials for display devices such as an antireflection film and are excellent in transparency in a near infrared region, resistance to moisture, heat resistance, etc. Also there are provided various members obtained by curing the optical materials.